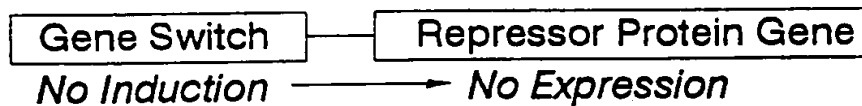


1/10

FIG. 1

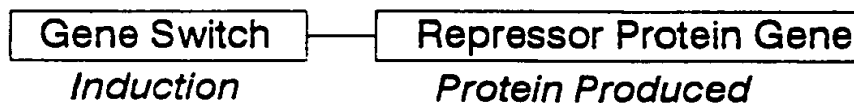
Chemical Inducer Absent
- Plant Development Disrupted



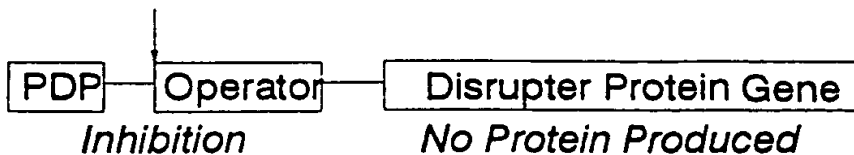
PDP=PLANT DEVELOPMENT PROMOTER

FIG. 2

Chemical Inducer Present
- Plant Development Normal



Repressor binds to Operator



PDP=PLANT DEVELOPMENT PROMOTER

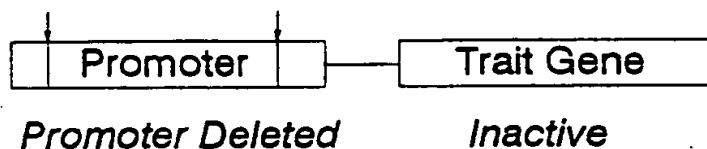
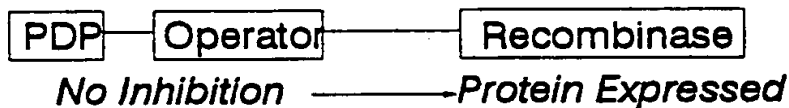
O.G. FIG.	
CLASS	SUBCLASS
APPROVED BY	DRAFTSMAN

APPROVED	O.G. FIG.	
	CLASS	SUBCLASS
BY		
DRAFTSMAN		

2/10

FIG. 3

Chemical Inducer Absent
- Plant Development Disrupted



PDP=PLANT DEVELOPMENT PROMOTER

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

3 / 10

002260" DESS0460

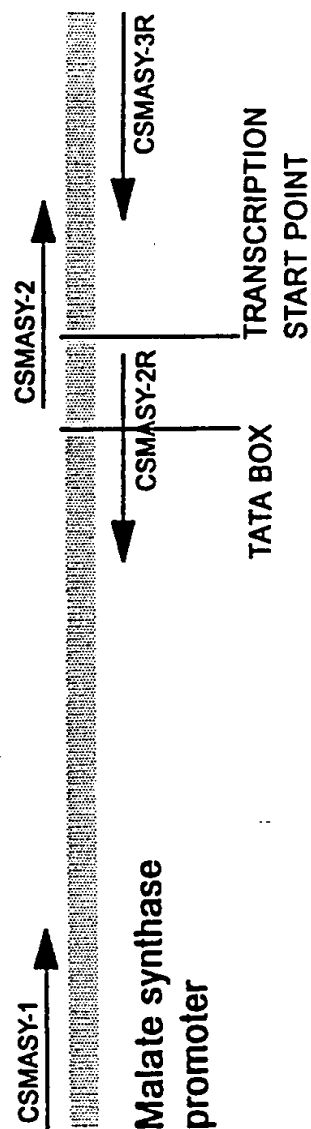
CSMASY-1
CTTAAGCTTCGATACAGTACTCTTATCTCTACCCA
Hind III

CSMASY-2
GTGAGCGCTCACAATACCCACCGATTACATTTCACATGA
Hae II
lacI operator

CSMASY-2R
GTGAGCGCTCACAATTCGTTAAATATGAAGCACATTT
Hae II
lacI operator

CSMASY-3R
CTTGGATCCGTTGTTCTTCCCAAGTGAAATGTA
Bam H1

FIG.4



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

4/10

FIG. 5

barn-1 5'-TCAGGATCCCGACCATGGCACAGGTTATCAACACGTTTGA-3'
BamHI

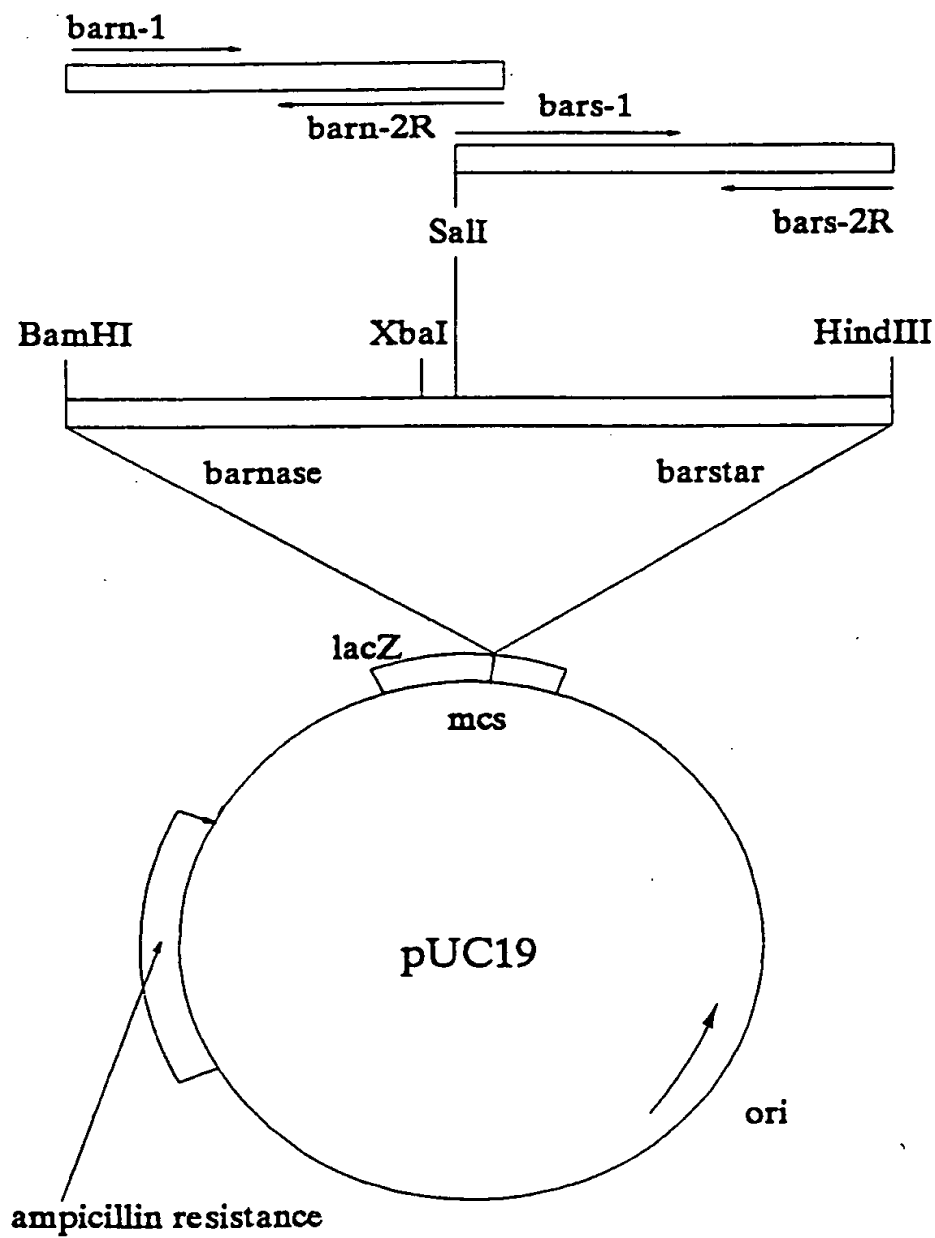
barn-2r 5'-TCATCTAGAGCCCGAAGTGAAATTGAACGATCAGA-3'
XbaI

bars-1 5'-TCATCTAGAGTCGACCAATCTGCAGCCGTCGAGA-3'
XbaI Sall

bars-2R 5'-TCAAAGCTTGGGTTTGTTCCATATGTTCA-3'
HindIII

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 6

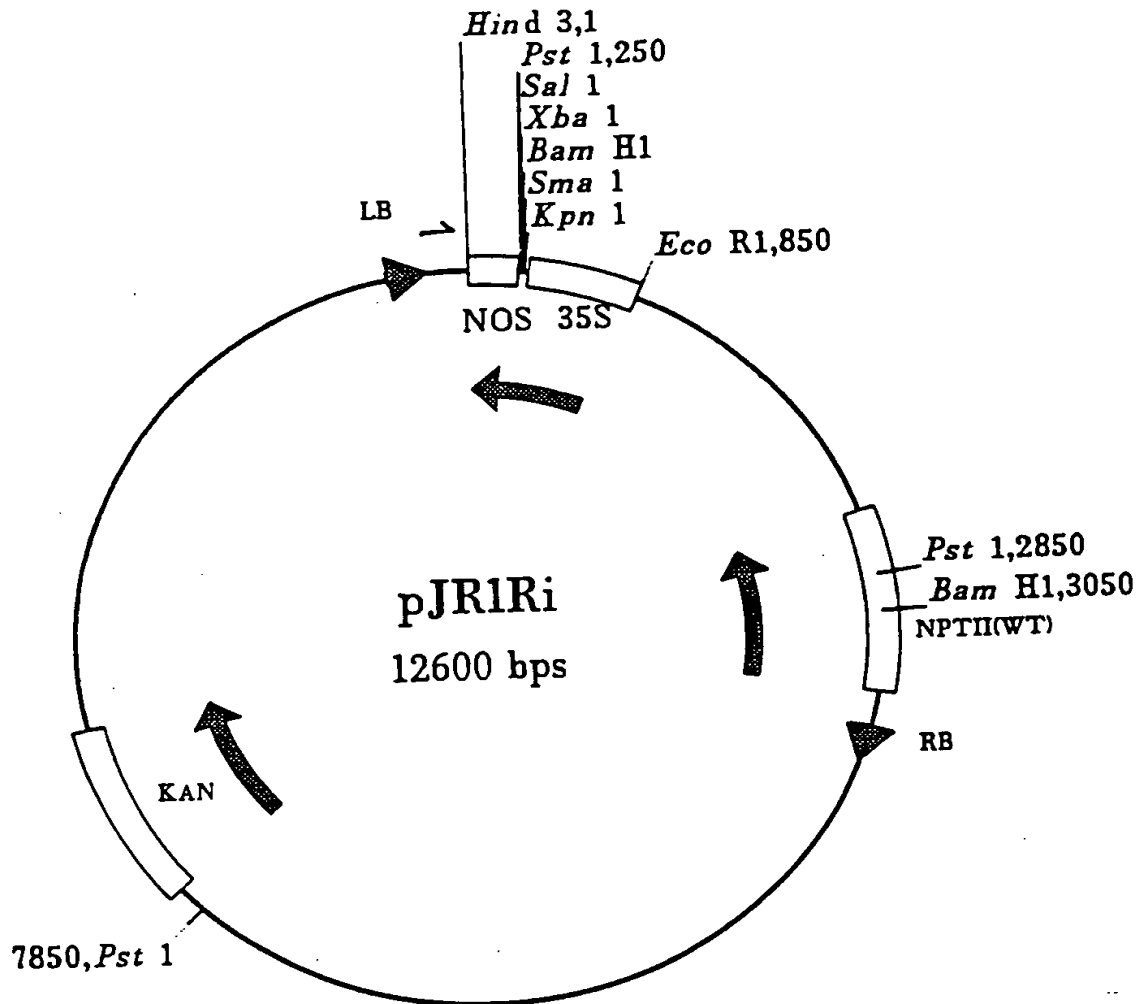


SUBSTITUTE SHEET

6/10

FIG. 7

O.G. FIG.	CLASS	SUBCLASS
	APPROVED	BY



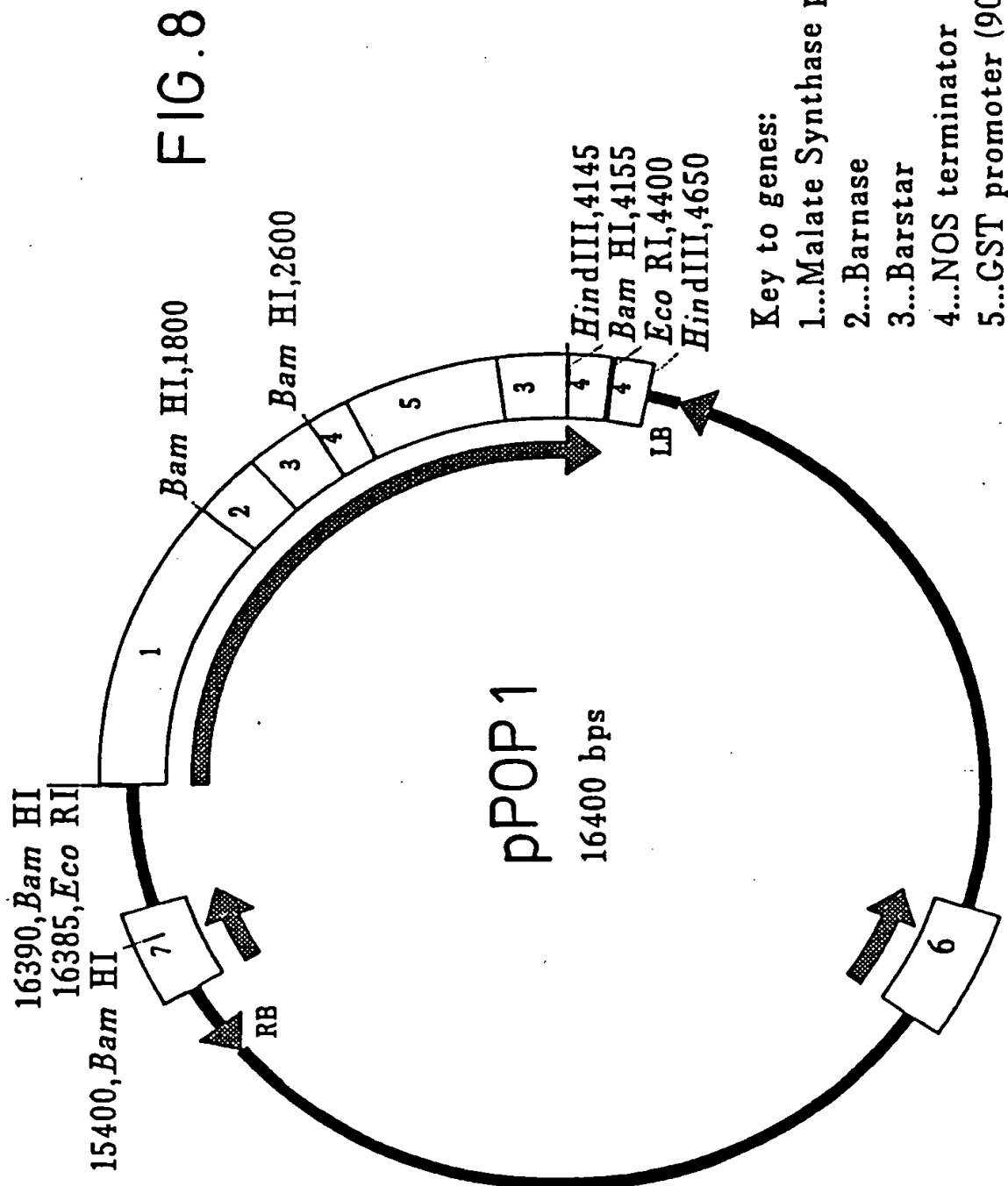
Sites in vector:

Bam H1	Mlu 1	Sac 2
Bgl 2	Nar 1	Sfi 1
Bst E2	Not 1	Sph 1
Dra 1	Pst 1	Ssp.1
Eco RV	Pvu 1	Stu 1

7 / 10

662260-685070

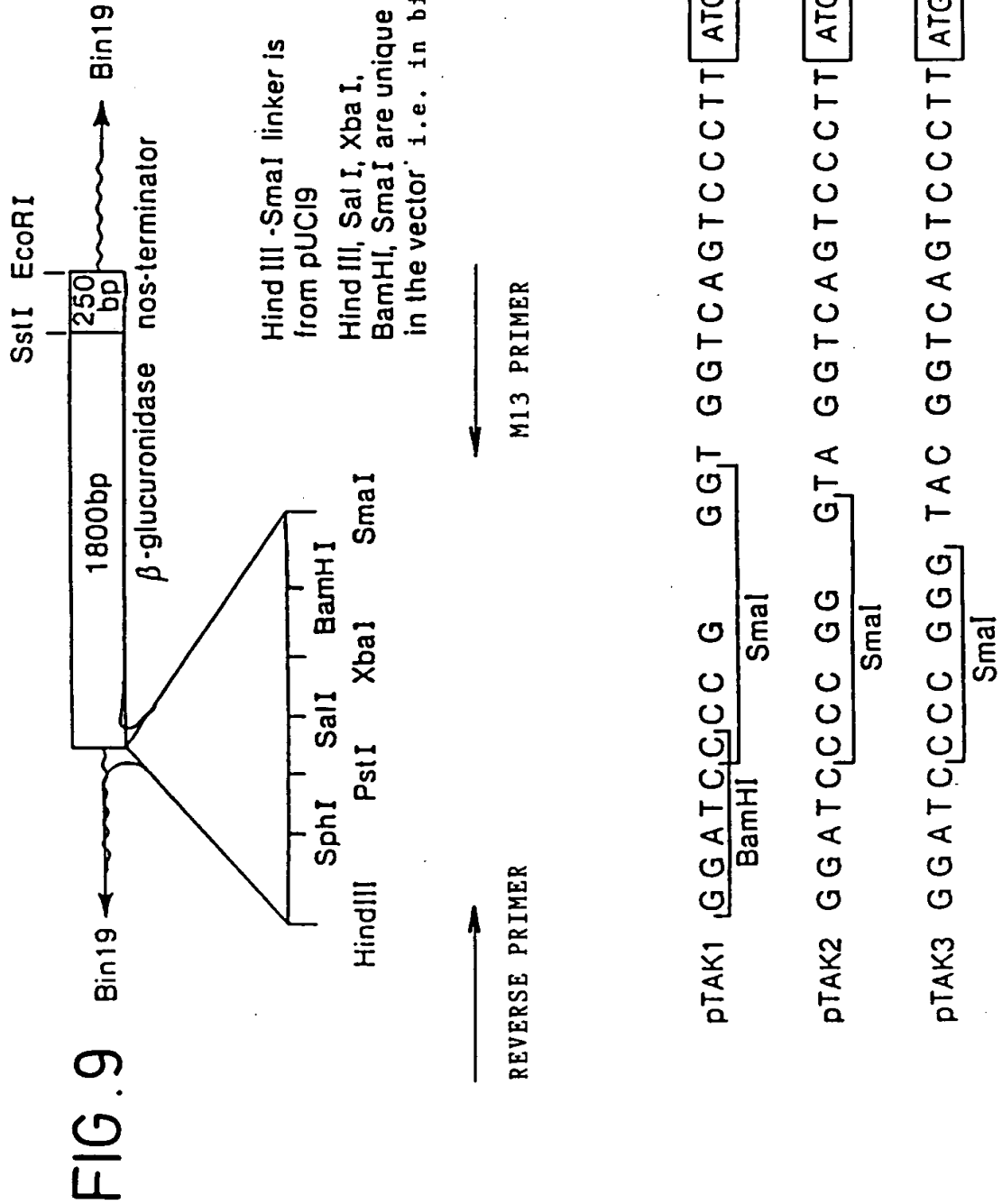
APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS



APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

8/10

Structure of pTAK1, pTAK2, pTAK3



APPROVED	O.G. FIG.
BY	CLASS
DRAFTSHAH	SUBCLASS

9 / 10

Gus expression with MS promoter (plus operator sequence)

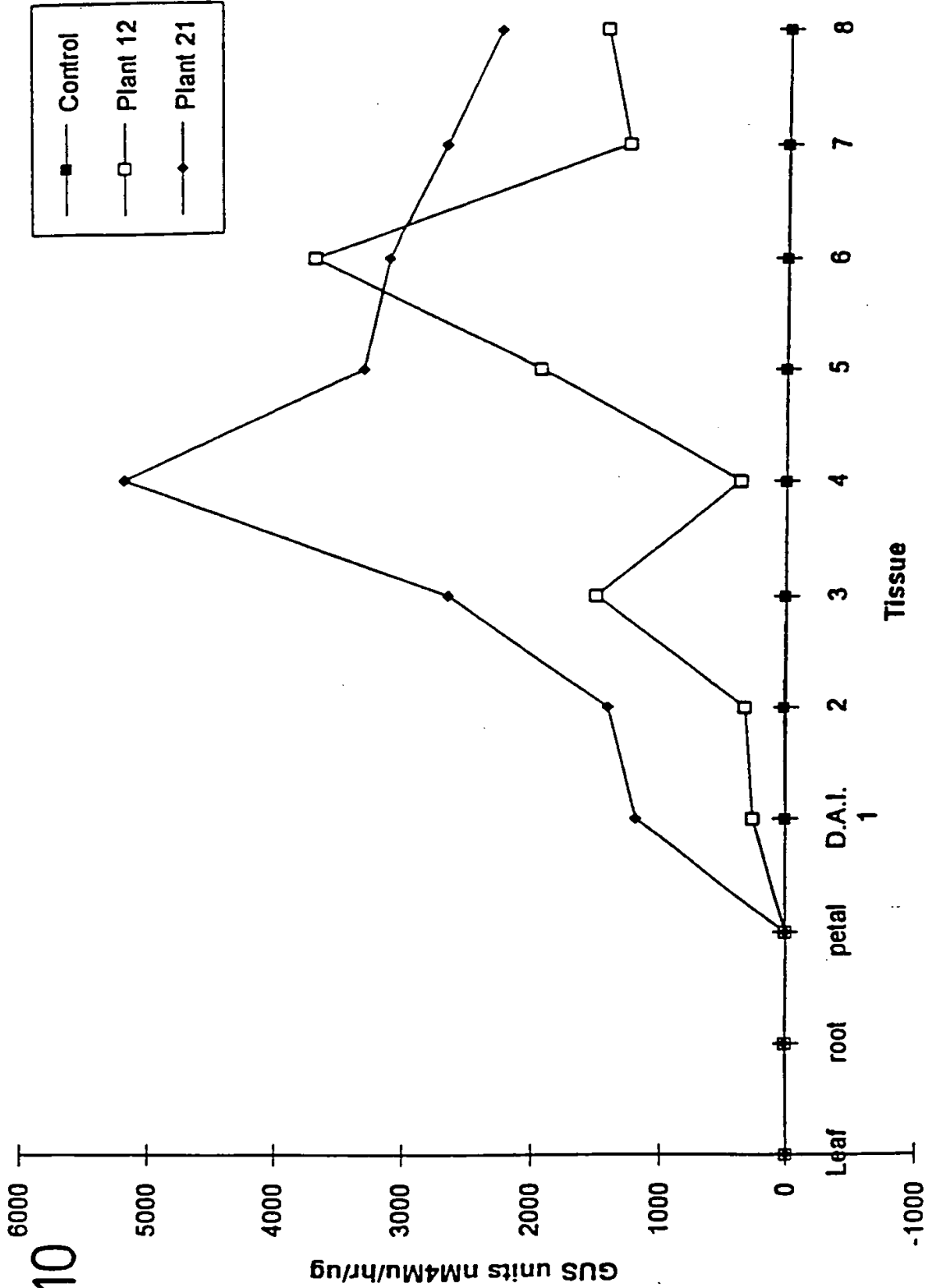


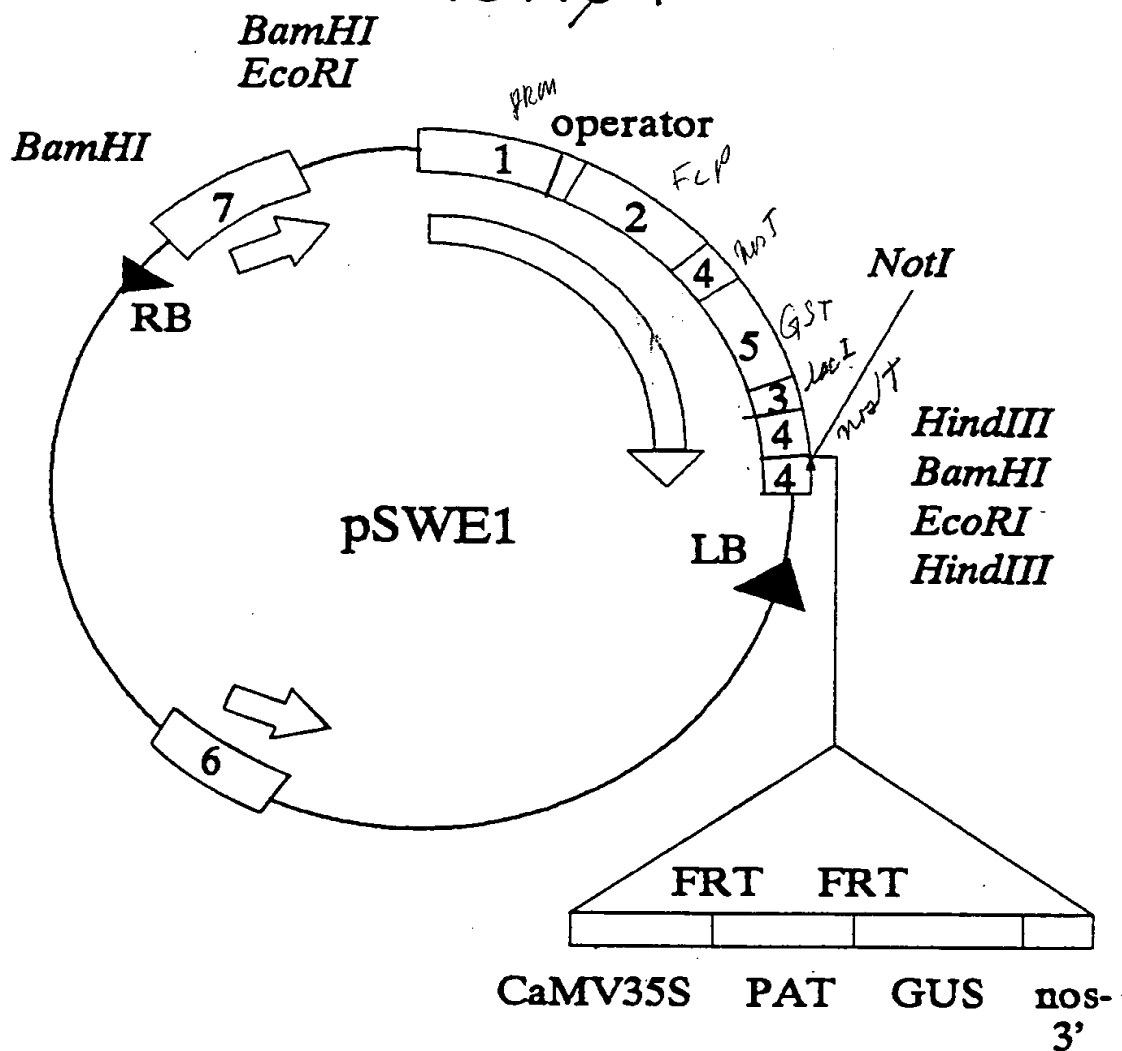
FIG.10

SUBSTITUTE SHEET

APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS SUBCLASS

10/10

FIG. 10/1

LEN
7/26/01

- 1 = Malate Synthase promoter
- 2 = FLP
- 3 = lacI
- 4 = nos terminator
- 5 = GST promoter (900bp)
- 6 = kanamycin resistance
- 7 = wt nptII